



TEROSON PT ECO MAX 600

August 21

Precompressed, acrylate-impregnated PUR sealing tape for sealing window and facade connections

PROPERTIES

- Driving rain-, air- and windtight
- Vapor-permeable
- Easy and efficient application
- Heat- and sound-insulating
- Hardly inflammable (class B1 according to DIN 4102)
- EMICODE EC 1 PLUS certified
- Available on request: Product and manufacturer's declarations according to DGNB, LEED and BREEAM



POSSIBLE USES

- External sealing of joints against wind, dust, driving rain and splash water with buildings of up to 100 m height
- Protection against structural damage caused by condensation; allows entrapped building moisture to diffuse from the functional/insulation level to the outside

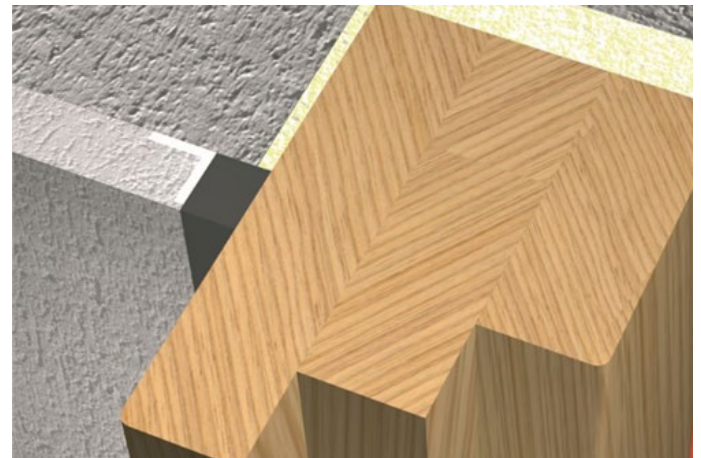
SUBSTRATE PREPARATION

Clean the substrate before fixing the sealing tape. The areas to be sealed must be load-bearing, sound and free from dust, release agents, oil, grease, sintered layers and other substances that may impair adhesion. The building substrate should be smooth and even. In the case of permeable substrates, e.g. coarse-pored exterior walls but also brickwork, it is usually necessary to apply a standard render (smooth trowel finish).

APPLICATION

Prior to installation, determine the joint width and choose the appropriate tape size to meet the tolerances specified in this Technical Data Sheet.

Remove the leader strip and cut off the beginning of the tape, then immediately start installation of the tape. Pull off the release paper and fix the self-adhesive strip on the frame/profile. We recommend pressing the tape down by hand or spatula to the component or structural element. Teroson PT ECO MAX must be fixed to the frame/profile without tension. We do not recommend running the tape around the entire perimeter of the frame. Instead, use individual lengths for each side of the frame and butt-join the lengths in the corners.



Lengths of Teroson PT ECO MAX 600 can be butt-joined without problems, provided that the tape ends have been carefully cut off (straight cut). Make sure that the butt joints fit accurately. When joining the two tape ends, they must be slightly compressed.

When sealing prefabricated elements, we recommend the use of spacers to ensure that the joint dimensions are observed. When sealing cross joints, the tape is installed continuously along the vertical direction of the joint. In the horizontal joint direction, slightly compress the tape so that it butts firmly against the vertically installed tape.

When sealing larger joints, the tape should be placed at a distance of 2 to 4 mm from the joint edge. After expansion, Teroson PT ECO MAX 600 will snugly fit to the joint edges. Slight unevenness will thus be compensated.

PLEASE NOTE

Immediately after finishing the sealing work, tightly close the opened tape rolls with the leader strip. Afterwards, weigh the rolls down and store them in a cool place. This prevents expansion or telescoping of the tape.

SUSTAINABLE BUILDING

On request, product and manufacturer's declarations for sustainable building can be made available. The documents meet the requirements of common certification and assessment systems such as DGNB, LEED and BREEAM.

STORAGE

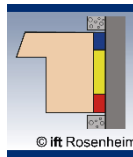
TEROSON PT ECO MAX 600 can be stored for 24 months in a cool and dry place. Storage temperature: +1 °C to +20 °C.

DISPOSAL

The outer cartons of TEROSON PT ECO MAX 600 are disposed of at a wastepaper collection point or at municipal waste collection points. Tape residues must be disposed of as industrial waste / construction site waste.

European Waste Code (EWC): 080410

CERTIFICATES



TECHNICAL DATA

TEROSON PT ECO MAX 600

Material base:	Acrylate-impregnated PUR foam tape
Colors:	Anthracite and grey
Classification acc. to DIN 18542:	Stress group BG 1
Joint permeability coefficient: (DIN EN 12114)	$a \leq 1.0 \text{ m}^3/[\text{hm} \cdot (\text{daPa})\text{n}]$
Driving rain tightness of joints and cross joints (DIN EN 1027):	$\geq 600 \text{ Pa}$
Temperature change resistance: (DIN 18542)	-30 °C to +90 °C
Light and weather resistance: (DIN 18542)	Meets the requirements of the standard
Compatibility with adjacent building materials (DIN 18542):	Meets the requirements of the standard
Dimensional tolerance: (DIN 7715 T5 P3)	Meets the requirements of the standard
Thermal conductivity: (DIN EN 12667)	$\lambda = 0.052 \text{ W}/(\text{m} \cdot \text{K})$
Sd value: (DIN EN ISO 12572):	$\leq 0.5 \text{ m}$ at a width of 50 mm
Water vapor diffusion resistance: (DIN EN ISO 12572)	$\mu \leq 100$
Fire resistance: (DIN 4102)	Class B1

Roll dimensions

Length = 12 m & Widths in mm	Tape width: 15 mm Joint width: 2-6 mm
Length = 5.6 m & Widths in mm	Tape width: 15 mm Joint width: 5-12 mm
Length = 3.3 m & Widths in mm	Tape width: 20 mm Joint width: 9-20 mm

Apart from the information given in this Technical Data Sheet it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the applicable national standards. All data given was obtained at an ambient and material temperature of +23°C and 50% relative humidity unless specified otherwise. Please note that in other climatic conditions hardening may be accelerated or delayed and take the resulting consequences into account.

The above information, in particular proposals for the handling, application and use of our products, is based on our knowledge and experience. As materials and conditions may vary with each intended application and thus are beyond our influence, we strongly recommend that in each case the user conducts sufficient tests to ensure our products are suitable for the intended application method and use. Legal liability cannot be accepted, either based on the content of this data sheet or any verbal advice given, unless there is evidence of carelessness or gross negligence on the manufacturer's part. This Technical Data Sheet supersedes all previous issues.
Please refer to our Safety Data Sheet for hazard warnings, safety advice and information on transport labelling.